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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 17555-114

First Inventor David P. Prince Defects IN PRINTED SOLDER PASTE

EV231275005US; Date of Deposit: Dec. 12, 2003 Express Mail Label No. (Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table or 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) a. Computer Readable Form (CRF) 3. 🔯 Specification [Total Pages Specification Sequence Listing on: (preferred arrangement set forth below) - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or Cross Reference to Related Applications ii. 🗌 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix

- Background of the Invention **ACCOMPANYING APPLICATIONS PARTS** 9. 🔲 Assignment Papers (cover sheet & document(s)) - Brief Summary of the Invention - Brief Description of the Drawings (if filed) 10. 37 C.F.R.§3.73(b) Statement Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. English Translation Document (if applicable) 12. Copies of IDS Drawing(s) (35 U.S.C.113) [Total Sheets Information Disclosure Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration UNSIGNED Total Pages 13. 🔲 **Preliminary Amendment** a. Newly executed (original or copy) 14. 🛛 Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🗌 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🔲 Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation ☐ Divisional □ Continuation-in-part (CIP) of prior application No: 09/304,699; Filed 05/04/99 Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS 30623 or \square Correspondence address below □ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Alison L. McCarthy, Esq. Name (Print/Type) Attorney Registration No. 51,998 Signature December 12, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

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FFF TD ANO	8.41 77	Complete if Known				
FEE TRANS	WIIIAL	Application Number	N/A			
for FY 2	002	Filing Date	December 12, 2003			
		First Named Inventor	David P. Prince.			
Patent fees are subject to a	nnual revision.	Examiner Name	N/A			
44 , 100,000,000		Group / Art Unit	N/A			
TOTAL AMOUNT OF PAYMENT	(\$) 1,090.00	Attorney Docket No.	17555-114			

$\overline{}$		METHOD OF	AYMENT (check one)					EEE C	ALCULATION (continued)	
<u> </u>				200	2 ADD	ITIONAL	ECEC	ree C	ALCOLATION (COntinued)	
1.		The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES Large Entity		Small Entity				
Deposit Account 50-0311		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Num		1			105	130	205	65	Surcharge - late filing fee or oath	
Depo	osit				127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
Account Mintz, Levin, Cohn, Ferris, Glovsky & Popeo PC			139	130	139	130	Non-English specification			
Name			147	2,520	147	2,520	For filing a request for reexamination			
☑ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17			112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
Applicant claims small entity status. See 37 CFR 1.27			113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
2. A Payment Enclosed:			115	110	215	55	Extension for reply within first month			
☑ Check ☐ Credit card ☐ Money ☐ Other			116	400	216	200	Extension for reply within second month			
Order			117	920	217	460	Extension for reply within third month			
FEE CALCULATION 1. BASIC FILING FEE			118	1,440	218	720	Extension for reply within fourth month			
Large	Entity S	Small Entity			128	1,960	228	980	Extension for reply within fifth month	
Fee		ee Fee	Fee Description		119	320	219	160	Notice of Appeal	
Code	.,,	Code (\$)		Paid	120	320	220	160	Filing a brief in support of an appeal	
101		201 385	Utility filing fee 770	2	121	280	221	140	Request for oral hearing	
106 107		206 165 207 255	Design filing fee Plant filing fee		138	1,510	138	1,510	Petition to institute a public use proceeding	
108	740 2	208 370	Reissue filing fee		140	110	240	55	Petition to revive – unavoidable	
114	160 2	14 80	Provisional filling fee		141	1,280	241	640	Petition to revive – unintentional	
			142	1,280	242	640	Utility issue fee (or reissue)			
	SUBTOTAL (1) (\$)770			143	460	243	230	Design issue fee		
2. EXT	RA CLAIN	FEES			144	620	244	310	Plant issue fee	
			Extra Fee from	Fee	122	130	122	130	Petitions to the Commissioner	
L		—	Claims below	Paid	123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
Total Clair Independer		-20 ** =	13 X 18 L	234	126	180	126	180	Submission of Information Disclosure Stmt	
Claims Multiple	" 4	-3 ** =	1 X 86 = X	0	581	40	581	40	Recording each patent assignment per property (times number of properties)	
Dependent Large	Entity	Small Enti			146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
Fee Code	Fee (\$)	Fee Fee Code (\$)	=		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
103 102	18 86	203 9 202 43	Claims in excess of 20 Independent claims in excess	c of 3	179	740	279	370	Request for Continued Examination (RCE)	
102	280	202 43	Multiple dependent claim, if n		169	900	169	900	Request for expedited examination	
109	84	209 42	** Reissue independent claim original patent	•	of a design application					
110	18	210 9	** Reissue daims in excess of over original patent	ss of 20 and Other fee (specify)						
SUBTOTAL (2) (\$)320				*Reduc	ed by Ba	sic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 0		
"or num	iber previou	sly paid, if greate	r; For Reissues, see above							

SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Alison L McCarthy, Esq.	Registration No. Attorney/Agent)	51,998	Telephone	1-617-348-4789	
Signature	Manda	adh		Date	December 12, 2003	
Signature	MANIA	agons		Date	December 12, 2000	